1998 Architectural Coatings Survey

Final Report

September 1999

California Environmental Protection Agency

Air Resources Board

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ACKNOWLEDGEMENTS

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See Chapter 1 – Companies

Air Resources Board

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This report has been reviewed and approved by the Air Resources Board and approved for publication. Approval does not signify that the contents reflect the views and policies of the Air Resources Board, nor does mention of companies constitute endorsement. This report is a direct reflection of the data submitted by those companies who responded to the Air Resources Board Architectural Coatings Survey conducted in 1998 requesting 1996 California sales data.

Blank Page

TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

LIST OF FIGURES Continued

LIST OF FIGURES Continued

LIST OF FIGURES Continued

ACRONYMS USED

ARB	Air Resources Board
CARB	California Air Resources Board
Density	Density of Coating
Dual	Interior and Exterior Coating
Exterior	Exterior Coating
Interior	Interior Coating
g/l	grams per liter
PD	Protected Data – Less than three companies represent the data value
SB	Solvent-Borne
SCM	Suggested Control Measure
SWA	Sales Weighted Average
Solids	Nonvolatile matter in a coating composition (i.e., the ingredients of a coating composition which, after drying, are left behind and constitute the dry film)
TPD	Tons Per Day (emissions related)
TPY	Tons Per Year (emissions related)
VOC	Volatile Organic Compound

VOC $_{Act}$ VOC $_{Actual}$ - Also known as VOC of Material. A ratio of the weight of VOCs per a given volume of paint (e.g., gallon or liter) with water and exempt compounds subtracted from only the numerator (weight). VOC Actual is the value used to calculate emissions.

$$VOC_{Actual} = \frac{(Total\ Weight\ of\ Volatiles - Weight\ of\ Water - Weight\ of\ Exempt\ VOCs)}{Total\ Volume\ of\ Coating}$$

VOC $_{Reg}$ VOC $_{Regulatory}$ - The VOC content limit or standard codified in architectural coating regulations. A ratio of the weight of VOCs per a given volume of paint (e.g., gallon or liter) with water and exempt VOCs subtracted from both the numerator (weight) and denominator (volume).

$$VOC_{Regulatory} = \frac{(Total\ Weight\ of\ Volatiles - Weight\ of\ Water - Weight\ of\ Exempt\ VOCs)}{(Total\ Volume\ of\ Coating - Volume\ of\ Water - Volume\ of\ Exempt\ VOCs)}$$

WB Water-Borne

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